

**U.S. Department of Energy
Office of Legacy Management**

**LM-20 Office of Site Operations
Planned Site Costs (FY07-FY12)**

September 2006



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Activity Dictionary

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Activity	Definition
Annual Inspection	Addresses the periodic (typically annual) site inspections to evaluate whether a site is protective of human health and the environment. For disposal sites, this is required according to the long-term surveillance plans (LTSPs). This includes developing and distributing the inspection report.
Annual Maintenance	Includes routine, recurring maintenance activities needed to maintain infrastructure essential to the remedy, repair/replace site improvements (e.g., signs, fences), and to protect human health and the environment. This category is for these activities and costs that are routine and recurring. This includes minor erosion repairs.
Annual Investigations & Sampling/Monitoring Collection	This element includes annual costs associated with fieldwork necessary to conduct on-site investigations and monitoring of the site's physical (e.g., hydrological, geological) characteristics and sample collection as part of site management.
Annual Site Management	Includes the activities associated with managing sites not directly related to clean up or remediation activities; does not include post-closure care required to maintain protectiveness or implement applicable plan.
Data Validation/Data Evaluation and Reporting/Data Management	Activities cover quality control on the analytical results and the evaluation of the data for trends and comparisons to benchmarks. It also includes management of data (e.g., receipt of electronic data distributions, inclusion into LM data management systems, and verification), and distributing data reports to stakeholders and the project records. Data validation and periodic monitoring evaluation reports are also included.
Groundwater Containment, Collection or Control	Includes the costs to construct, operate, and maintain ground water containment, collection, control, or treatment systems to ensure compliance with the applicable regulatory documents, and all regulations, requirements, and guidance.
Non-annual Maintenance	These are maintenance activities which are non-routine, generally infrequent, and conducted on an as-needed basis. This includes repairs from major erosion events.
Non-annual Investigations & Sampling/Monitoring Collection	This element includes non-annual costs associated with fieldwork necessary to conduct on-site investigations and monitoring of the site's physical (e.g., hydrological, geological) characteristics and sample collection as part of site management.

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Activity Dictionary

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Activity	Definition
Project Management	Project Management and Support addresses overall management activities associated with individual task orders. This includes developing project plans and reports such as cost estimates, schedules, implementation plans, project control plans, project analysis and controls, project reporting and life-cycle baseline development.
Regulatory Relations	Includes interface and compliance activities with local, state, Tribal, and Federal regulatory agencies.
Site Transition	Site Transition includes activities associated with transition of EM and other sites into LM, including resolving any outstanding site closure and environmental compliance issues, developing plans and procedures, migration of applications/databases, transfer of records management, transfer of property, establishing office space, preparation of community relations plans, procurement of resources, identification and transfer of monitoring and maintenance requirements, and training.
Solids/Soils Containment, Collection or Control	Includes construction or modification of solids/soils containment systems (e.g., disposal cell) to ensure compliance with the applicable regulatory documents, and all regulations, requirements, and guidance.
Surface Water/Sediments Containment, Collection and Control	Includes the costs to construct, operate, and maintain surface water/sediment containment, collection, and control systems to ensure compliance with the applicable regulatory documents, and all regulations, requirements, and guidance.
Waste Management	Includes the costs to dispose of contaminated materials to ensure compliance with the applicable regulatory documents, and all regulations, requirements, and guidance.

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Site Listing

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Sites in LM Program through FY 2005

	Site Name	Pre - LM Name
1	Acid/Pueblo Canyon, NM, Site	Acid/Pueblo Canyon
2	Adrian, MI, Site	General Motors
3	Albany, OR, Site	Albany Research Center
4	Aliquippa, PA, Site	Aliquippa Forge
5	Ambrosia Lake, NM, Disposal Site	Ambrosia Lake
6	Bayo Canyon, NM, Site	Bayo Canyon
7	Berkeley, CA, Site	University of California
8	Beverly, MA, Site	Ventron
9	Bluewater, NM, Disposal Site	Bluewater Site
10	BONUS, PR, Decommissioned Reactor	BONUS Reactor
11	Buffalo, NY, Site	Bliss & Laughlin Steel
12	Burrell, PA, Disposal Site	Burrell Site
13	Canonsburg, PA, Disposal Site	Canonsburg Site
14	Chariot, AK, Site	Chariot Site
15	Chicago North, IL, Site	National Guard Armory
16	Chicago South, IL, Site	University of Chicago
17	Chupadera Mesa, NM, Site	Chupadera Mesa
18	Columbus East, OH, Site	B & T Metals
19	Durango, CO, Disposal/Processing Site	Bodo Canyon Cell
		Durango Mill
20	Edgemont, SD, Disposal Site	Edgemont Site
21	Fairfield, OH, Site	Associate Aircraft
22	Falls City, TX, Disposal Site	Falls City Site
23	General Atomics Hot Cell Facility, CA, Site	General Atomics
24	Geothermal Test Facility, CA, Site	Geothermal Test Facility
25	Grand Junction, CO, Disposal/Processing Site	Cheney Disposal Cell
		Grand Junction Mill 1
26	Grand Junction, CO, Site	Grand Junction Mill 2
27	Granite City, IL, Site	Granite City Steel

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Sites in LM Program through FY 2005

	Site Name	Pre - LM Name
28	Green River, UT, Disposal Site	Green River Site
29	Gunnison, CO, Disposal/Processing Site	Gunnison Disposal Cell
		Gunnison Mill
30	Hallam, NE, Decommissioned Reactor	Hallam Nuclear Power Facility
31	Hamilton, OH, Site	Herring - Hall Marvin Safe Co.
32	Indian Orchard, MA, Site	Chapman Valve
33	Jersey City, NJ, Site	Kellex/Pierpont
34	Lakeview, OR, Disposal/Processing Site	Lakeview Site
		Lakeview Mill
35	L-Bar, NM, Disposal Site	SOHIO - LBAR Site
36	Lowman, ID, Disposal Site	Lowman Site
37	Madison, IL, Site	Madison
38	Maxey Flats, KY, Disposal Site	Maxey Flats Disposal Site
39	Maybell, CO, Disposal Site	Maybell Mill Site
40	Mexican Hat, UT, Disposal Site	Mexican Hat Site
41	Middlesex North, NJ, Site	Middlesex Municipal Landfill
42	Missouri University Research Reactor, MO, Site	MURR
43	Monticello, UT, Disposal and Processing Sites	Monticello Mill Site and Vicinity Properties
44	Monument Valley, AZ, Processing Site	Monument Valley Site
45	Naturita, CO, Disposal/Processing Site	Naturita Site
		Naturita Mill
46	New Brunswick, NJ, Site	New Brunswick Site
47	New York, New York, Site	Baker and Williams Warehouses
48	Niagara Falls Vicinity Properties, NY	Niagara Falls Storage Site Vicinity Properties
49	Oak Ridge, TN, Warehouses Site	Elza Gate
50	Oxford, OH, Site	Alba Craft Laboratories
51	Parkersburg, WV, Disposal Site	Parkersburg Site
52	Pinellas County, FL, Site	Pinellas STAR Center

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Sites in LM Program through FY 2005

	Site Name	Pre - LM Name
53	Piqua, OH, Decommissioned Reactor	Piqua Nuclear Power Facility
54	Rifle, CO, Disposal/Processing Site	Rifle (New) Mill
		Rifle (Old) Mill
		Estes Gulch Disposal Cell
55	Riverton, WY, Processing Site	Riverton Site
56	Salt Lake City, UT, Disposal/Processing Site	South Clive Disposal Cell
		Salt Lake City Mill
57	Seymour, CT, Site	Seymour Specialty Wire
58	Sherwood, WA, Disposal Site	WNI - Sherwood Site
59	Shiprock, NM, Disposal Site	Shiprock Site
60	Shirley Basin South, WY, Disposal Site	Petrotomics - Shirley Basin 1
61	Site A / Plot M, IL, Decommissioned Reactor	Palos Forest (Site A/Plot M) Preserve
62	Slick Rock, CO, Disposal/Processing Site	Slick Rock (North Continent) Mill 1
		Slick Rock (Union Carbide) Mill 2
		Burro Canyon Disposal Cell
63	Spook, WY, Disposal Site	Spook Site
64	Springdale, PA, Site	C.H. Schnorr
65	Toledo, OH, Site	Baker Brothers
66	Tuba City, AZ, Disposal Site	Tuba City Site
67	Weldon Spring, MO, Site	Weldon Spring Site

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Sites Planning to transfer to LM (FY 2006 through FY 2012)

	Site Name	Pre - LM Name	Transfer Date
1	Bear Creek, WY, Disposal Site	Union Pacific - Bear Creek Site	2006
2	Durita, CO, Disposal Site	HECLA - Durita Site	2006
3	Gas Hills North, WY, Disposal Site	Pathfinder - Lucky Mc Site	2006
4	Laboratory for Energy Related Health Research, CA Site	Laboratory for Energy Related Health Research	2006
5	Wayne, NJ	Wayne Site	2006
6	Ambrosia Lake West, NM, Disposal Site	Quivira - Ambrosia Lake Site 2	2007
7	Amchitka, AK, Site	Amchitka Island	2007
8	Ashland 1, NY, Site	Ashland Oil #1	2007
9	Ashland 2, NY, Site	Ashland Oil #2	2007
10	Central Nevada Test Area, NV, Site	Central Nevada Test Area	2007
11	Columbus, OH, Site	Columbus Closure Project	2007
12	Fernald, OH, Site	Fernald Closure Project	2007
13	Gas Buggy, NM, Site	Gasbuggy Site	2007
14	Gas Hills East, WY, Disposal Site	UMETCO - Gas Hills Site	2007
15	Gnome, NM, Site	Gnome - Coach	2007
16	Highland, WY, Disposal Site	Exxon - Highland Site	2007
17	Lisbon Valley, UT, Disposal Site	Rio Algom - Lisbon Valley Site	2007
18	Maybell West, CO, Disposal Site	UMETCO - Maybell Site 2	2007
19	Panna Maria, TX, Disposal Site	Chevron - Panna Maria Site	2007
20	Rio Blanco, CO, Site	Rio Blanco	2007
21	Rocky Flats, CO, Site	Rocky Flats Closure Project	2007
22	Rulison, CO, Site	Rulison	2007
23	Salmon, MS, Site	Salmon Site	2007
24	Shoal, NV, Site	Project Shoal	2007
25	Ashtabula, OH, Site	Ashtabula Closure Project	2008
26	Inhalation Toxicology Laboratory, NM, Site	Lovelace Respiratory Research Institute	2008
27	Mound, OH, Site	Miamisburg Closure Project	2008
28	Ray Point, TX, Disposal Site	Exxon - Ray Point Site	2008

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Sites Planning to transfer to LM (FY 2006 through FY 2012)

	Site Name	Pre - LM Name	Transfer Date
29	Shirley Basin North, WY, Disposal Site	Pathfinder - Shirley Basin Site 2	2008
30	Shpack Landfill, MA, Site	Shpack Landfill	2008
31	Split Rock, WY, Disposal Site	WNI - Split Rock Site	2008
32	Colonie Site, NY	Colonie	2009
33	Combustion Engineering, CT, Site	CE	2009
34	Energy Technology Engineering Center, CA, Site	Energy Technology Engineering Center	2009
35	General Electric Vallecitos Nuclear Center, CA, Site	General Electric Vallecitos Nuclear Center	2009
36	Linde Air Products Division, NY, Site	Linde Air Products	2009
37	Painesville, OH, Site	Painesville	2009
38	Uravan, CO, Disposal Site	UMETCO - Uravan Site	2009
39	Church Rock, NM, Disposal Site	UNC - Church Rock Site	2010
40	Conquista, TX, Disposal Site	Conoco - Conquista Site	2010
41	Ford, WA, Disposal Site	Dawn - Ford Site	2010
42	Middlesex Sampling Plant, NJ, Site	Middlesex Sampling Plant	2010
43	E.I. Du Pont, NJ, Site	DuPont & Company	2011
44	Gas Hills West, WY, Disposal Site	ANC - Gas Hills Site	2011
45	Sequoyah Fuels, OK, Disposal Site	Sequoyah Fuels Site	2011
46	Harshaw Chemical Company, OH, Site	Harshaw Chemical Company	2012
47	Luckey, OH, Site	Luckey	2012
48	Parks Township Shallow Land Disposal Area, PA, Site	Parks Township - SLDA	2012
49	St. Louis Downtown, MO, Site	St. Louis Downtown Site	2012

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Site: Ambrosia Lake, NM, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 8,805	\$ 9,034	\$ 9,269	\$ 9,510	\$ 9,757	\$ 10,011
Annual Maintenance	\$ 2,862	\$ 2,937	\$ 3,013	\$ 3,092	\$ 3,172	\$ 3,254
Non-annual Maintenance	\$ 11,148	\$ -	\$ -	\$ -	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 9,583	\$ -	\$ -	\$ 10,350	\$ -
Total Site Costs (1)	\$ 28,466	\$ 27,351	\$ 18,230	\$ 18,704	\$ 29,541	\$ 19,690

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Ambrosia Lake West, NM, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ 29,267	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Site Management	\$ -	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ 9,736	\$ 9,990	\$ 10,249	\$ 10,516	\$ 10,789
Annual Maintenance	\$ -	\$ 2,847	\$ 2,921	\$ 2,997	\$ 3,074	\$ 3,154
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 15,275	\$ 15,672	\$ 16,079	\$ 16,498	\$ 16,926
Total Site Costs (1)	\$ 29,267	\$ 33,656	\$ 34,531	\$ 35,429	\$ 36,350	\$ 37,295

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Amchitka, AK, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 98,093	\$ -	\$ -	\$ -	\$ 788,407	\$ 132,327
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 41,128	
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 1,250,591	\$ -
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 46,491	\$ -
Data Validation/Data Evaluation and Reporting/Data Management						\$ 111,956
Total Site Costs (1)	\$ 98,093	\$ -	\$ -	\$ -	\$ 2,126,616	\$ 244,282

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Ashtabula, OH, Site

Regulatory Type: CERCLA/RCRA

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 149,977	\$ 153,876	\$ -	\$ -	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 160,657	\$ 164,834	\$ -	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 310,634	\$ 318,710	\$ -	\$ -	\$ -	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Bear Creek, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,064	\$ 7,247	\$ 7,436	\$ 7,629	\$ 7,827	\$ 8,031
Annual Inspection	\$ 9,091	\$ 9,327	\$ 9,570	\$ 9,819	\$ 10,074	\$ 10,336
Annual Maintenance	\$ 2,295	\$ 2,354	\$ 2,416	\$ 2,478	\$ 2,543	\$ 2,609
Non-annual Investigations & Sampling/Monitoring Collection	\$ 20,094	\$ 20,616	\$ 21,152	\$ 21,702	\$ 22,266	\$ 22,845
Total Site Costs (1)	\$ 38,543	\$ 39,545	\$ 40,574	\$ 41,629	\$ 42,711	\$ 43,821

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Bluewater, NM, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,064	\$ 7,247	\$ 7,436	\$ 7,629	\$ 7,827	\$ 8,031
Annual Inspection	\$ 9,982	\$ 10,242	\$ 10,508	\$ 10,781	\$ 11,061	\$ 11,349
Annual Maintenance	\$ 8,505	\$ 8,726	\$ 8,953	\$ 9,186	\$ 9,425	\$ 9,670
Non-annual Investigations & Sampling/Monitoring Collection	\$ 14,038	\$ 17,477	\$ 14,778	\$ 15,162	\$ 18,876	\$ 15,960
Total Site Costs (1)	\$ 39,589	\$ 43,692	\$ 41,674	\$ 42,758	\$ 47,190	\$ 45,010

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: BONUS, PR, Decommissioned Reactor

Regulatory Type: D&D

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 6,092	\$ 6,251	\$ 6,413	\$ 6,580	\$ 6,751	\$ 6,926
Non-annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 36,091	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 4,645	\$ 4,766	\$ 4,889	\$ 5,017	\$ 5,147	\$ 5,281
Total Site Costs (1)	\$ 10,737	\$ 11,016	\$ 11,303	\$ 11,596	\$ 47,989	\$ 12,207

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Burrell, PA, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,674	\$ 5,822	\$ 5,973	\$ 6,129	\$ 6,288	\$ 6,451
Annual Inspection	\$ 11,367	\$ 11,663	\$ 11,966	\$ 12,277	\$ 12,596	\$ 12,924
Annual Maintenance	\$ 16,400	\$ 16,826	\$ 17,263	\$ 17,712	\$ 18,173	\$ 18,645
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 390,442	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ 25,511	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 33,441	\$ 34,311	\$ 60,714	\$ 426,560	\$ 37,057	\$ 38,021

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Canonsburg, PA, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,852	\$ 3,953	\$ 4,055	\$ 4,161	\$ 4,269	\$ 4,380
Annual Inspection	\$ 10,818	\$ 11,100	\$ 11,388	\$ 11,684	\$ 11,988	\$ 12,300
Annual Maintenance	\$ 21,041	\$ 21,588	\$ 22,150	\$ 22,726	\$ 23,316	\$ 23,923
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 265,839	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ 23,409	\$ 24,018	\$ 24,642	\$ 34,637	\$ 25,940	\$ 26,615
Total Site Costs (1)	\$ 59,121	\$ 60,658	\$ 62,235	\$ 73,208	\$ 331,352	\$ 67,217

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Central Nevada Test Area, NV, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 112,031	\$ 234,638	\$ 733,800	\$ 838,951	\$ 28,896	\$ 168,218
Annual Inspection	\$ 40,437	\$ 38,848	\$ 39,858	\$ 40,895	\$ 49,047	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 102,759	\$ 11,862,178	\$ 328,848	\$ -	\$ 53,301
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,895
Data Validation/Data Evaluation and Reporting/Data Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,126
Total Site Costs (1)	\$ 152,469	\$ 376,246	\$ 12,635,836	\$ 1,208,694	\$ 77,943	\$ 310,539

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Chariot, AK, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 1,909	\$ 2,955	\$ 1,212	\$ 2,700	\$ 1,909	\$ 2,690
Total Site Costs (1)	\$ 1,909	\$ 2,955	\$ 1,212	\$ 2,700	\$ 1,909	\$ 2,690

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Church Rock, NM, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ -	\$ -	\$ 60,625	\$ 31,610	\$ -	\$ -
Annual Site Management	\$ -	\$ -	\$ -	\$ -	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 12,010	\$ 12,323
Annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 6,614	\$ 6,786
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 19,960	\$ 20,478
Total Site Costs (1)	\$ -	\$ -	\$ 60,625	\$ 31,610	\$ 44,846	\$ 46,012

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Columbus, OH, Site

Regulatory Type: CERCLA/RCRA

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Estimated costs for records activities are included in Fernald Site life-cycle baseline.						
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Conquista, TX, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ -	\$ -	\$ 63,632	\$ 31,610	\$ -	\$ -
Annual Site Management	\$ -	\$ -	\$ -	\$ -	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 15,429	\$ 15,830
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 27,543	\$ 28,259
Total Site Costs (1)	\$ -	\$ -	\$ 63,632	\$ 31,610	\$ 49,233	\$ 50,513

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Durango, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 34,618	\$ 69,031	\$ 36,442	\$ 72,754	\$ 38,361	\$ 39,359
Annual Inspection	\$ 11,031	\$ 11,318	\$ 11,612	\$ 11,914	\$ 12,224	\$ 12,542
Annual Maintenance	\$ 11,530	\$ 11,829	\$ 12,137	\$ 12,453	\$ 12,776	\$ 13,109
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 24,451	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 33,794	\$ 34,672	\$ 35,574	\$ 36,499	\$ 37,448	\$ 38,421
Non-annual Investigations & Sampling/Monitoring Collection	\$ 42,598	\$ 43,706	\$ 44,842	\$ 46,008	\$ 9,313	\$ 9,555
Groundwater Containment, Collection or Control	\$ 5,610	\$ 78,025	\$ 481,580	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 139,181	\$ 248,582	\$ 622,187	\$ 179,628	\$ 134,572	\$ 112,985

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Durita, CO, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 28,280	\$ 29,016	\$ 29,770	\$ 30,544	\$ 31,338	\$ 32,153
Annual Inspection	\$ 6,815	\$ 6,992	\$ 7,174	\$ 7,360	\$ 7,552	\$ 7,748
Annual Maintenance	\$ 3,116	\$ 3,197	\$ 3,280	\$ 3,365	\$ 3,453	\$ 3,543
Non-annual Investigations & Sampling/Monitoring Collection	\$ 13,000	\$ -	\$ -	\$ -	\$ -	\$ 14,780
Total Site Costs (1)	\$ 51,211	\$ 39,205	\$ 40,224	\$ 41,270	\$ 42,343	\$ 58,224

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Edgemont, SD, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 8,926	\$ 9,158	\$ 9,396	\$ 9,641	\$ 9,891	\$ 10,148
Annual Maintenance	\$ 2,194	\$ 2,251	\$ 2,310	\$ 2,370	\$ 2,431	\$ 2,495
Total Site Costs (1)	\$ 16,771	\$ 17,207	\$ 17,655	\$ 18,114	\$ 18,585	\$ 19,068

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

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Site: Energy Technology Engineering Center, CA, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Program Management	\$ 112,273	\$ 461,574	\$ 149,156	\$ 44,553	\$ 45,712	\$ 46,900
Total Site Costs (1)	\$ 112,273	\$ 461,574	\$ 149,156	\$ 44,553	\$ 45,712	\$ 46,900

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Falls City, TX, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,040	\$ 7,223	\$ 7,410	\$ 7,603	\$ 7,801	\$ 8,004
Annual Inspection	\$ 15,543	\$ 15,947	\$ 16,362	\$ 16,787	\$ 17,224	\$ 17,671
Annual Maintenance	\$ 3,466	\$ 3,556	\$ 3,649	\$ 3,743	\$ 3,841	\$ 3,941
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 36,618	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 93,819	\$ 96,258	\$ 98,761	\$ 101,329	\$ 103,963	\$ 106,666
Total Site Costs (1)	\$ 119,868	\$ 122,984	\$ 126,182	\$ 166,080	\$ 132,829	\$ 136,282

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Fernald, OH, Site

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management (2)	\$ 2,306,083	\$ 2,366,057	\$ 2,427,574	\$ 2,309,769	\$ 2,252,706	\$ 2,311,277
Site Transition	\$ 110,313	\$ 113,181	\$ 116,124	\$ 119,143	\$ 122,241	\$ 125,419
Annual Site Management	\$ 2,756,614	\$ 856,148	\$ 878,408	\$ 901,246	\$ 924,678	\$ 948,720
Annual Site Maintenance and Inspections	\$ 1,164,730	\$ 1,190,351	\$ 1,221,300	\$ 1,253,054	\$ 1,285,633	\$ 1,319,060
Annual Investigations & Sampling/Monitoring Collection	\$ 1,753,018	\$ 1,798,596	\$ 1,845,360	\$ 1,893,339	\$ 1,942,566	\$ 1,864,959
Groundwater Containment, Collection and Control	\$ 1,894,814	\$ 1,944,079	\$ 1,994,625	\$ 2,046,486	\$ 2,099,694	\$ 2,154,286
Waste Management	\$ 312,337	\$ 317,872	\$ 326,137	\$ 334,616	\$ 343,316	\$ 352,242
Total Site Costs (1)	\$ 10,297,908	\$ 8,586,284	\$ 8,809,527	\$ 8,857,653	\$ 8,970,835	\$ 9,075,963

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

(2) Includes records activities for Columbus, OH Site.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Ford, WA, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ -	\$ -	\$ 63,567	\$ 31,610	\$ -	\$ -
Annual Site Management					\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 15,134	\$ 15,528
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 26,432	\$ 27,119
Total Site Costs (1)	\$ -	\$ -	\$ 63,567	\$ 31,610	\$ 47,828	\$ 49,072

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: 41 FUSRAP Sites in LM through FY 2012 (see complete list of sites on following page)

Regulatory Type: FUSRAP

29 Category 1 Sites - Require only records-related activities.

12 Category 2 Sites - Require routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management (includes records)	\$ 27,858	\$ 64,661	\$ 38,578	\$ 48,702	\$ 110,993	\$ 90,681
Site Transition	\$ 69,967	\$ 224,399	\$ 74,566	\$ 76,956	\$ 246,678	\$ 81,923
Annual Investigations & Sampling/Monitoring Collection	\$ 29,470	\$ 31,266	\$ 63,687	\$ 96,359	\$ 100,353	\$ 138,045
Annual Maintenance	\$ 11,546	\$ 11,920	\$ 24,608	\$ 38,094	\$ 39,308	\$ 40,553
Total Site Costs (1)	\$ 138,841	\$ 332,247	\$ 201,438	\$ 260,110	\$ 497,332	\$ 351,202

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

41 FUSRAP Sites in LM through FY 2012

Site Name	Category
1) Acid/Pueblo Canyon, NM, Site	1
2) Adrian, MI, Site	1
3) Albany, OR, Site	1
4) Aliquippa, PA, Site	1
5) Bayo Canyon, NM, Site	1
6) Berkeley, CA, Site	1
7) Beverly, MA, Site	1
8) Buffalo, NY, Site	1
9) Chicago North, IL, Site	1
10) Chicago South, IL, Site	1
11) Chupadera Mesa, NM, Site	1
12) Columbus East, OH, Site	1
13) Fairfield, OH, Site	1
14) Granite City, IL, Site	1
15) Hamilton, OH, Site	1
16) Indian Orchard, MA, Site	1
17) Jersey City, NJ, Site	1
18) Madison, IL, Site	1
19) Middlesex North, NJ, Site	1
20) New Brunswick, NJ, Site	1
21) New York, New York, Site	1
22) Niagara Falls Vicinity Properties, NY	1
23) Oak Ridge, TN, Warehouses Site	1
24) Oxford, OH, Site	1
25) Painesville, OH, Site	1
26) Parks Township Shallow Land Disposal Area, PA, Site	1
27) Seymour, CT, Site	1
28) Springdale, PA, Site	1
29) Toledo, OH, Site	1

Site Name	Category
1) Ashland 1, NY, Site	2
2) Ashland 2, NY, Site	2
3) Colonie Site, NY	2
4) Combustion Engineering, CT, Site	2
5) E.I. Du Pont, NJ, Site	2
6) Harshaw Chemical Company, OH, Site	2
7) Linde Air Products Division, NY, Site	2
8) Luckey, OH, Site	2
9) Middlesex Sampling Plant, NJ, Site	2
10) Shpack Landfill, MA, Site	2
11) St. Louis Downtown, MO, Site	2
12) Wayne, NJ	2

Office of Legacy Management
LM-20 Office of Site Operations

Site: Gas Buggy, NM, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ -	\$ -	\$ -	\$ -	\$ 315,724	\$ -
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ 315,724	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Gas Hills East, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 11,060	\$ 11,347	\$ 11,642	\$ 11,945	\$ 12,255	\$ 12,574
Annual Investigations & Sampling/Monitoring Collection	\$ 17,320	\$ 17,771	\$ 18,233	\$ 18,707	\$ 19,193	\$ 19,692
Total Site Costs (1)	\$ 34,031	\$ 34,915	\$ 35,823	\$ 36,755	\$ 37,710	\$ 38,691

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Gas Hills North, WY, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,064	\$ 7,247	\$ 7,436	\$ 7,629	\$ 7,827	\$ 8,031
Annual Inspection	\$ 10,406	\$ 10,677	\$ 10,955	\$ 11,239	\$ 11,532	\$ 11,831
Annual Maintenance	\$ 2,295	\$ 2,354	\$ 2,416	\$ 2,478	\$ 2,543	\$ 2,609
Annual Investigations & Sampling/Monitoring Collection	\$ 20,556	\$ 21,091	\$ 21,639	\$ 22,202	\$ 22,779	\$ 23,371
Total Site Costs (1)	\$ 40,321	\$ 41,369	\$ 42,445	\$ 43,549	\$ 44,681	\$ 45,843

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Gas Hills West, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ -	\$ -	\$ 60,971	\$ 31,610	\$ -	\$ -
Annual Site Management	\$ -	\$ -	\$ -	\$ -	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 12,255	\$ 12,574
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 19,960	\$ 20,478
Total Site Costs (1)	\$ -	\$ -	\$ 60,971	\$ 31,610	\$ 38,477	\$ 39,477

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: General Atomics Hot Cell Facility, CA, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Estimated costs for records activities are included the estimated Program Management cost percentage applied to all LM-20 West sites.						
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: General Electric Vallecitos Nuclear Center, CA, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Program Management	\$ 112,273	\$ 461,574	\$ 149,156	\$ 44,553	\$ 45,712	\$ 46,900
Total Site Costs (1)	\$ 112,273	\$ 461,574	\$ 149,156	\$ 44,553	\$ 45,712	\$ 46,900

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Geothermal Test Facility, CA, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Estimated costs for records activities are included the estimated Program Management cost percentage applied to all LM-20 West sites.						
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Gnome, NM, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ -	\$ -	\$ -	\$ -	\$ 60,765	\$ 321,388
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ 60,765	\$ 321,388

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Grand Junction, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 105,350	\$ 108,089	\$ 105,836	\$ 108,588	\$ 111,411	\$ 114,308
Annual Inspection	\$ 7,370	\$ 7,562	\$ 7,759	\$ 7,960	\$ 8,167	\$ 8,380
Non-annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ 8,953	\$ -
Annual Maintenance	\$ 30,244	\$ 31,030	\$ 31,837	\$ 32,665	\$ 33,514	\$ 34,386
Non-annual Maintenance		\$ 313,878	\$ 42,235		\$ 24,880	
Annual Investigations & Sampling/Monitoring Collection	\$ 12,397	\$ 12,719	\$ 13,050	\$ 13,389	\$ 13,738	\$ 14,095
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 14,140	\$ -
Solids/Soils Containment, Collection or Control	\$ 139,423	\$ 143,048	\$ 608,790	\$ 206,267	\$ 154,498	\$ 657,521
Total Site Costs (1)	\$ 294,784	\$ 616,327	\$ 809,507	\$ 368,869	\$ 369,301	\$ 828,689

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Grand Junction, CO, Site

Regulatory Type: D&D

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 11,870	\$ 12,178	\$ 12,495	\$ 12,820	\$ 30,703	\$ 13,495
Annual Inspection	\$ 5,325	\$ 5,463	\$ 5,605	\$ 5,751	\$ 5,901	\$ 6,054
Annual Maintenance	\$ 2,010	\$ 2,062	\$ 2,116	\$ 2,171	\$ 2,227	\$ 2,285
Annual Investigations & Sampling/Monitoring Collection	\$ 19,746	\$ 20,259	\$ 20,786	\$ 21,326	\$ 21,881	\$ 22,450
Total Site Costs (1)	\$ 38,951	\$ 39,963	\$ 41,002	\$ 42,069	\$ 60,712	\$ 44,285

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Green River, UT, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 20,111	\$ 9,663	\$ 9,914	\$ 10,172	\$ 10,437	\$ 10,708
Annual Inspection	\$ 6,909	\$ 7,088	\$ 7,272	\$ 7,462	\$ 7,656	\$ 7,855
Annual Maintenance	\$ 2,189	\$ 2,246	\$ 2,305	\$ 2,364	\$ 2,426	\$ 2,489
Non-annual Maintenance	\$ -	\$ 55,822	\$ -	\$ -	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 3,313	\$ 3,399	\$ 3,487	\$ 3,578	\$ 3,671	\$ 3,766
Non-annual Investigations & Sampling/Monitoring Collection	\$ 83,724	\$ 36,236	\$ 37,178	\$ 38,144	\$ 39,136	\$ 40,154
Total Site Costs (1)	\$ 116,246	\$ 114,453	\$ 60,156	\$ 61,720	\$ 63,325	\$ 64,972

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Gunnison, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 12,279	\$ 12,598	\$ 12,926	\$ 13,262	\$ 38,814	\$ 13,961
Annual Inspection	\$ 10,576	\$ 10,851	\$ 11,134	\$ 11,423	\$ 11,720	\$ 12,025
Annual Maintenance	\$ 18,412	\$ 18,891	\$ 19,382	\$ 19,886	\$ 20,403	\$ 20,933
Annual Investigations & Sampling/Monitoring Collection	\$ 35,224	\$ 36,140	\$ 37,080	\$ 38,044	\$ 39,033	\$ 40,048
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 3,779	\$ -
Total Site Costs (1)	\$ 76,492	\$ 78,480	\$ 80,521	\$ 82,614	\$ 113,749	\$ 86,966

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Hallam, NE, Decommissioned Reactor

Regulatory Type: D&D

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,433	\$ 3,523	\$ 3,614	\$ 3,708	\$ 3,805	\$ 3,903
Annual Inspection	\$ 9,680	\$ 9,932	\$ 10,190	\$ 10,455	\$ 10,727	\$ 11,006
Annual Maintenance	\$ 13,139	\$ 13,480	\$ 13,831	\$ 14,190	\$ 14,559	\$ 14,938
Non-annual Maintenance	\$ -	\$ 62,222	\$ -	\$ -	\$ 17,021	\$ -
Total Site Costs (1)	\$ 26,252	\$ 89,157	\$ 27,635	\$ 28,353	\$ 46,111	\$ 29,847

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Highland, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 11,060	\$ 11,347	\$ 11,642	\$ 11,945	\$ 12,255	\$ 12,574
Annual Investigations & Sampling/Monitoring Collection	\$ 17,320	\$ 17,771	\$ 18,233	\$ 18,707	\$ 19,193	\$ 19,692
Total Site Costs (1)	\$ 34,031	\$ 34,915	\$ 35,823	\$ 36,755	\$ 37,710	\$ 38,691

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Inhalation Toxicology Laboratory, NM, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Program Management	\$ 493,959	\$ 338,710	\$ 287,459	\$ 305,995	\$ 313,950	\$ 322,113
Annual Investigations & Sampling/Monitoring Collection and Inspections	\$ 62,822	\$ 270,192	\$ 277,217	\$ 284,424	\$ 291,819	\$ 299,407
Total Site Costs (1)	\$ 556,780	\$ 608,902	\$ 564,676	\$ 590,419	\$ 605,770	\$ 621,520

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Laboratory for Energy Related Health Research, CA Site

Regulatory Type: CERCLA/RCRA

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 669,162	\$ 919,827	\$ 537,448	\$ 192,048	\$ 197,041	\$ 202,164
Regulatory Relations	\$ 370,304	\$ 406,686	\$ 43,850	\$ 21,068	\$ 21,616	\$ 22,178
Groundwater Containment, Collection or Control	\$ 55,489	\$ 793,201	\$ 1,098,164	\$ -	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection and Inspections	\$ 80,692	\$ 968,040	\$ 140,507	\$ 181,652	\$ 186,375	\$ 191,221
Total Site Costs (1)	\$ 1,175,648	\$ 3,087,755	\$ 1,819,970	\$ 394,768	\$ 405,032	\$ 415,563

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Lakeview, OR, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 36,501	\$ 78,338	\$ 23,242	\$ 23,846	\$ 24,466	\$ 25,102
Annual Inspection	\$ 13,625	\$ 13,979	\$ 14,342	\$ 14,715	\$ 15,098	\$ 15,490
Non-annual Maintenance	\$ 84,702	\$ 50,299	\$ -	\$ 9,088	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ 926	\$ 76,675	\$ 36,797	\$ 179,481	\$ 1,026	\$ 69,822
Total Site Costs (1)	\$ 135,753	\$ 219,291	\$ 74,381	\$ 227,130	\$ 40,590	\$ 110,415

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: L-Bar, NM, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,064	\$ 7,247	\$ 7,436	\$ 7,629	\$ 7,827	\$ 8,031
Annual Inspection	\$ 8,734	\$ 8,961	\$ 9,194	\$ 9,433	\$ 9,679	\$ 9,930
Annual Maintenance	\$ 16,035	\$ 16,452	\$ 16,879	\$ 17,318	\$ 17,768	\$ 18,230
Non-annual Maintenance	\$ 200,154	\$ 43,338	\$ -	\$ -	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ 28,046	\$ 28,776	\$ 11,475	\$ 11,773	\$ 31,079	\$ 12,393
Total Site Costs (1)	\$ 260,033	\$ 104,774	\$ 44,984	\$ 46,154	\$ 66,354	\$ 48,585

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Lisbon Valley, UT, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 8,830	\$ 9,060	\$ 9,295	\$ 9,537	\$ 9,785	\$ 10,039
Annual Investigations & Sampling/Monitoring Collection	\$ 15,337	\$ 15,736	\$ 16,145	\$ 16,565	\$ 16,995	\$ 17,437
Total Site Costs (1)	\$ 29,818	\$ 30,593	\$ 31,389	\$ 32,205	\$ 33,042	\$ 33,901

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Lowman, ID, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 11,788	\$ 12,095	\$ 12,409	\$ 12,732	\$ 13,063	\$ 13,403
Annual Maintenance	\$ 2,295	\$ 2,354	\$ 2,416	\$ 2,478	\$ 2,543	\$ 2,609
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 10,967	\$ -	\$ -
Total Site Costs (1)	\$ 19,734	\$ 20,247	\$ 20,774	\$ 32,280	\$ 21,868	\$ 22,436

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Maxey Flats, KY, Disposal Site

Regulatory Type: CERCLA/RCRA

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,228	\$ 3,312	\$ 3,398	\$ 3,486	\$ 3,577	\$ 3,670
Annual Investigations & Sampling/Monitoring Collection	\$ 6,456	\$ 6,624	\$ 6,796	\$ 6,973	\$ 7,154	\$ 7,340
Total Site Costs (1)	\$ 9,684	\$ 9,935	\$ 10,194	\$ 10,459	\$ 10,731	\$ 11,010

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Maybell, CO, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 11,302	\$ 11,596	\$ 11,897	\$ 12,207	\$ 12,524	\$ 12,849
Annual Inspection	\$ 8,560	\$ 8,782	\$ 9,011	\$ 9,245	\$ 9,485	\$ 9,732
Annual Maintenance	\$ 873	\$ 896	\$ 919	\$ 943	\$ 968	\$ 993
Total Site Costs (1)	\$ 20,735	\$ 21,274	\$ 21,827	\$ 22,394	\$ 22,977	\$ 23,574

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Maybell West, CO, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 4,709	\$ 4,832	\$ 4,957	\$ 5,086	\$ 5,218	\$ 5,354
Annual Inspection	\$ 11,060	\$ 11,347	\$ 11,642	\$ 11,945	\$ 12,255	\$ 12,574
Total Site Costs (1)	\$ 15,769	\$ 16,179	\$ 16,599	\$ 17,031	\$ 17,474	\$ 17,928

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Mexican Hat, UT, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 17,464	\$ 11,596	\$ 11,897	\$ 12,207	\$ 12,524	\$ 12,849
Annual Inspection	\$ 9,104	\$ 9,340	\$ 9,583	\$ 9,832	\$ 10,088	\$ 10,350
Annual Maintenance	\$ 3,658	\$ 3,753	\$ 3,851	\$ 3,951	\$ 4,054	\$ 4,159
Non-annual Maintenance	\$ 34,087	\$ -	\$ -	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 64,313	\$ 24,689	\$ 25,331	\$ 25,990	\$ 26,666	\$ 27,359

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Missouri University Research Reactor, MO, Site

Regulatory Type: Other

Category 1 - Requires only records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Estimated costs for records activities are included the estimated Program Management cost percentage applied to all LM-20 East sites.						
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Monticello, UT, Disposal and Processing Sites

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 75,638	\$ 77,604	\$ 79,622	\$ 81,692	\$ 83,816	\$ 85,995
Annual Inspection	\$ 44,875	\$ 46,042	\$ 47,239	\$ 48,467	\$ 49,727	\$ 51,020
Annual Maintenance	\$ 192,547	\$ 197,553	\$ 202,689	\$ 207,959	\$ 213,366	\$ 218,914
Non-annual Maintenance	\$ 61,248	\$ 31,966	\$ 32,797	\$ 33,649	\$ 34,524	\$ 69,635
Non-annual Investigations & Sampling/Monitoring Collection	\$ 197,567	\$ 202,704	\$ 207,974	\$ 213,382	\$ 218,930	\$ 224,622
Groundwater Containment, Collection or Control	\$ 303,168	\$ 311,050	\$ 319,138	\$ 327,435	\$ 335,949	\$ 344,683
Total Site Costs (1)	\$ 875,042	\$ 866,919	\$ 889,458	\$ 912,584	\$ 936,312	\$ 994,868

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Monument Valley, AZ, Processing Site

Regulatory Type: UMTRCA Title I

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 88,648	\$ 90,952	\$ 150,840	\$ 95,743	\$ 158,785	\$ 100,787
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,034
Annual Maintenance	\$ 9,252	\$ 9,493	\$ 9,739	\$ 9,993	\$ 10,252	\$ 10,519
Non-annual Maintenance	\$ -	\$ 17,654	\$ -	\$ 18,584	\$ -	\$ 19,563
Annual Investigations & Sampling/Monitoring Collection	\$ 72,397	\$ 74,279	\$ 76,211	\$ 78,192	\$ 80,225	\$ 82,311
Groundwater Containment, Collection or Control	\$ 394,896	\$ 313,065	\$ -	\$ 454,876	\$ 3,715,430	\$ 919,770
Total Site Costs (1)	\$ 565,193	\$ 505,443	\$ 236,790	\$ 657,388	\$ 3,964,693	\$ 1,146,984

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Mound, OH, Site

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 2,267,805	\$ 2,212,349	\$ 1,866,170	\$ 1,846,894	\$ 1,065,824	\$ 431,864
Annual Site Maintenance	\$ 1,216,147	\$ 1,247,767	\$ 1,126,584	\$ 1,155,875	\$ 185,256	\$ 248,974
Annual Site Management	\$ 142,851	\$ 146,565	\$ 132,330	\$ 135,771	\$ 139,301	\$ 119,732
Groundwater Containment, Collection or Control (includes annual monitoring)	\$ 1,568,802	\$ 789,315	\$ 638,743	\$ 655,350	\$ 599,265	\$ 402,521
Surface Water/Sediments Containment, Collection and Control	\$ 881,548	\$ 520,502	\$ 469,951	\$ 482,170	\$ 9,216	\$ -
Total Site Costs (1)	\$ 6,077,152	\$ 4,916,499	\$ 4,233,778	\$ 4,276,059	\$ 1,998,861	\$ 1,203,090

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Naturita, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 38,577	\$ 29,150	\$ 29,908	\$ 91,588	\$ 37,311	\$ 47,712
Annual Inspection	\$ 7,164	\$ 7,350	\$ 7,541	\$ 7,737	\$ 7,939	\$ 8,145
Annual Maintenance	\$ 6,423	\$ 6,590	\$ 6,761	\$ 6,937	\$ 7,117	\$ 7,302
Annual Investigations & Sampling/Monitoring Collection	\$ 15,631	\$ 16,038	\$ 16,455	\$ 16,882	\$ 17,321	\$ 17,772
Total Site Costs (1)	\$ 67,795	\$ 59,128	\$ 60,665	\$ 123,145	\$ 69,688	\$ 80,931

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Panna Maria, TX, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 13,923	\$ 14,285	\$ 14,657	\$ 15,038	\$ 15,429	\$ 15,830
Annual Investigations & Sampling/Monitoring Collection	\$ 24,855	\$ 25,502	\$ 26,165	\$ 26,845	\$ 27,543	\$ 28,259
Total Site Costs (1)	\$ 44,429	\$ 45,585	\$ 46,770	\$ 47,986	\$ 49,233	\$ 50,513

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Parkersburg, WV, Disposal Site

Regulatory Type: NWPA Section 151

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,433	\$ 3,523	\$ 3,614	\$ 3,708	\$ 3,805	\$ 3,903
Annual Inspection	\$ 10,742	\$ 11,021	\$ 11,308	\$ 11,602	\$ 11,904	\$ 12,213
Annual Maintenance	\$ 19,496	\$ 20,003	\$ 20,523	\$ 21,057	\$ 21,604	\$ 22,166
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 162,402	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ 34,046	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 33,672	\$ 34,547	\$ 69,491	\$ 198,769	\$ 37,312	\$ 38,283

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Pinellas County, FL, Site

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 1,071,353	\$ 1,099,208	\$ 1,127,787	\$ 1,157,110	\$ 1,187,195	\$ 738,727
Groundwater Containment, Collection or Control	\$ 5,232,312	\$ 6,238,860	\$ 4,806,199	\$ 3,106,182	\$ 1,286,895	\$ 1,125,260
Annual Investigations & Sampling/Monitoring Collection	\$ 505,887	\$ 519,040	\$ 532,535	\$ 546,381	\$ 560,587	\$ 494,468
Total Site Costs (1)	\$ 6,809,552	\$ 7,857,109	\$ 6,466,522	\$ 4,809,673	\$ 3,034,677	\$ 2,358,455

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Piqua, OH, Decommissioned Reactor

Regulatory Type: D&D

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,433	\$ 3,523	\$ 3,614	\$ 3,708	\$ 3,805	\$ 3,903
Annual Inspection	\$ 8,241	\$ 8,456	\$ 8,676	\$ 8,901	\$ 9,133	\$ 9,370
Annual Investigations & Sampling/Monitoring Collection	\$ 5,873	\$ 6,026	\$ 6,183	\$ 6,343	\$ 6,508	\$ 6,678
Total Site Costs (1)	\$ 17,548	\$ 18,004	\$ 18,472	\$ 18,953	\$ 19,445	\$ 19,951

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Ray Point, TX, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ 29,267	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Site Management	\$ -	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ 14,285	\$ 14,657	\$ 15,038	\$ 15,429	\$ 15,830
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 25,502	\$ 26,165	\$ 26,845	\$ 27,543	\$ 28,259
Total Site Costs (1)	\$ 29,267	\$ 45,585	\$ 46,770	\$ 47,986	\$ 49,233	\$ 50,513

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Rifle, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 47,575	\$ 29,634	\$ 30,404	\$ 31,195	\$ 32,006	\$ 32,838
Annual Inspection	\$ 6,741	\$ 6,916	\$ 7,096	\$ 7,280	\$ 7,470	\$ 7,664
Non-annual Maintenance	\$ -	\$ 285,658	\$ -	\$ 38,258	\$ -	\$ 276,256
Non-annual Investigations & Sampling/Monitoring Collection	\$ 97,224	\$ 99,752	\$ 76,828	\$ 78,825	\$ 80,875	\$ 82,978
Total Site Costs (1)	\$ 151,540	\$ 421,959	\$ 114,328	\$ 155,558	\$ 120,350	\$ 399,735

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Rio Blanco, CO, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 81,605	\$ 223,980	\$ -	\$ 123,161	\$ 224,368	\$ 107,262
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ 47,500	\$ -
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,971
Data Validation/Data Evaluation and Reporting/Data Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 86,778
Total Site Costs (1)	\$ 81,605	\$ 223,980	\$ -	\$ 123,161	\$ 271,868	\$ 198,011

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Riverton, WY, Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 27,482	\$ 28,197	\$ 32,702	\$ 29,682	\$ 34,484	\$ 23,063
Annual Maintenance	\$ 9,050	\$ 9,285	\$ 9,527	\$ 9,774	\$ 10,028	\$ 10,289
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,423
Annual Investigations & Sampling/Monitoring Collection	\$ 78,774	\$ 80,822	\$ 82,924	\$ 85,080	\$ 87,292	\$ 89,561
Total Site Costs (1)	\$ 115,307	\$ 118,304	\$ 125,153	\$ 124,536	\$ 131,804	\$ 164,337

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Rocky Flats, CO, Site

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 2,270,091	\$ 2,092,175	\$ 2,336,380	\$ 2,316,403	\$ 1,767,510	\$ 1,599,189
Annual Investigations & Sampling/Monitoring Collection	\$ 1,741,595	\$ 1,556,544	\$ 1,597,014	\$ 1,751,927	\$ 1,593,594	\$ 1,635,028
Annual Site Maintenance	\$ 1,207,168	\$ 681,051	\$ 479,206	\$ 416,579	\$ 427,410	\$ 438,523
Groundwater Containment, Collection or Control	\$ 411,252	\$ 421,944	\$ 539,364	\$ 444,170	\$ 567,775	\$ 582,538
Surface Water/Sediments Containment, Collection and Control	\$ 133,300	\$ 136,766	\$ 140,322	\$ 314,622	\$ 147,714	\$ 331,195
Data Validation/Data Evaluation and Reporting/Data Management	\$ 139,941	\$ 143,579	\$ 147,313	\$ 151,143	\$ 166,453	\$ 159,104
Total Site Costs (1)	\$ 5,903,346	\$ 5,032,059	\$ 5,239,599	\$ 5,394,844	\$ 4,670,456	\$ 4,745,576

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Rulison, CO, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 410,782	\$ 334,753	\$ 48,797	\$ -	\$ -	\$ 367,923
Total Site Costs (1)	\$ 410,782	\$ 334,753	\$ 48,797	\$ -	\$ -	\$ 367,923

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Salmon, MS, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 153,594	\$ 133,111	\$ -	\$ -	\$ -	\$ 96,869
Non-annual Investigations & Sampling/Monitoring Collection	\$ 72,085	\$ -	\$ -	\$ -	\$ -	\$ 81,957
Non-annual Maintenance	\$ -	\$ 3,515	\$ -	\$ -	\$ -	\$ -
Data Validation/Data Evaluation and Reporting/Data Management	\$ -	\$ 76,819	\$ -	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 225,679	\$ 213,446	\$ -	\$ -	\$ -	\$ 178,826

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Salt Lake City, UT, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 11,302	\$ 17,435	\$ 11,897	\$ 12,207	\$ 12,524	\$ 12,849
Annual Inspection	\$ 10,858	\$ 11,141	\$ 11,430	\$ 11,727	\$ 12,032	\$ 12,345
Annual Maintenance	\$ 633	\$ 649	\$ 666	\$ 684	\$ 701	\$ 720
Non-annual Maintenance	\$ -	\$ 35,066	\$ -	\$ -	\$ -	\$ 2,740
Annual Investigations & Sampling/Monitoring Collection	\$ 16,890	\$ -	\$ -	\$ -	\$ -	\$ -
Non-annual Investigations & Sampling/Monitoring Collection	\$ 4,530	\$ -	\$ -	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 44,213	\$ 64,292	\$ 23,994	\$ 24,618	\$ 25,258	\$ 28,655

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Sequoyah Fuels, OK, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ -	\$ -	\$ -	\$ 65,286	\$ 32,432	\$ -
Annual Site Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,830
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,259
Total Site Costs (1)	\$ -	\$ -	\$ -	\$ 65,286	\$ 32,432	\$ 50,513

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Sherwood, WA, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 16,193	\$ 16,614	\$ 17,046	\$ 17,489	\$ 17,944	\$ 18,410
Annual Maintenance	\$ 2,194	\$ 2,251	\$ 2,310	\$ 2,370	\$ 2,431	\$ 2,495
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 23,502	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 22,105	\$ 22,680	\$ 23,269	\$ 23,874	\$ 24,495	\$ 25,132
Non-annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ 6,934	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 46,143	\$ 47,343	\$ 55,508	\$ 73,339	\$ 51,132	\$ 52,462

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Shiprock, NM, Disposal Site

Regulatory Type: UMTRCA Title I

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 63,437	\$ 65,086	\$ 66,779	\$ 199,455	\$ 70,296	\$ 175,189
Annual Inspection	\$ 12,718	\$ 13,049	\$ 13,388	\$ 13,736	\$ 14,094	\$ 14,460
Annual Maintenance	\$ 161,610	\$ 165,812	\$ 170,123	\$ 174,546	\$ 179,084	\$ 183,741
Non-annual Maintenance	\$ -	\$ 26,132	\$ -	\$ 116,539	\$ 28,224	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 91,045	\$ 93,412	\$ 95,840	\$ 98,332	\$ 100,889	\$ 103,512
Groundwater Containment, Collection or Control	\$ 747,624	\$ 332,483	\$ 225,528	\$ 212,625	\$ 218,153	\$ 344,761
Total Site Costs (1)	\$ 1,076,433	\$ 695,974	\$ 571,658	\$ 815,234	\$ 610,740	\$ 821,663

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Shirley Basin North, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ 32,756	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Site Management	\$ -	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ 11,347	\$ 11,642	\$ 11,945	\$ 12,255	\$ 12,574
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 17,771	\$ 18,233	\$ 18,707	\$ 19,193	\$ 19,692
Total Site Costs (1)	\$ 32,756	\$ 34,915	\$ 35,823	\$ 36,755	\$ 37,710	\$ 38,691

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Shirley Basin South, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 7,199	\$ 7,387	\$ 7,579	\$ 7,629	\$ 7,827	\$ 8,031
Annual Inspection	\$ 10,607	\$ 10,882	\$ 11,165	\$ 11,239	\$ 11,532	\$ 11,831
Annual Maintenance	\$ 2,339	\$ 2,400	\$ 2,462	\$ 2,478	\$ 2,543	\$ 2,609
Annual Investigations & Sampling/Monitoring Collection	\$ 24,129	\$ 24,756	\$ 25,400	\$ 25,568	\$ 26,233	\$ 26,915
Total Site Costs (1)	\$ 44,273	\$ 45,425	\$ 46,606	\$ 46,915	\$ 48,135	\$ 49,386

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Shoal, NV, Site

Regulatory Type: Other

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 312,633	\$ -	\$ -	\$ -	\$ -	\$ 380,965
Non-annual Investigations & Sampling/Monitoring Collection	\$ 410,940	\$ -	\$ -	\$ -	\$ -	\$ -
Total Site Costs (1)	\$ 723,573	\$ -	\$ -	\$ -	\$ -	\$ 380,965

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Site A / Plot M, IL, Decommissioned Reactor

Regulatory Type: D&D

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 3,433	\$ 3,523	\$ 3,614	\$ 3,708	\$ 3,805	\$ 3,903
Annual Inspection	\$ 10,883	\$ 11,166	\$ 11,456	\$ 11,754	\$ 12,060	\$ 12,373
Non-annual Maintenance	\$ -	\$ 123,440	\$ -	\$ -	\$ -	\$ -
Annual Investigations & Sampling/Monitoring Collection	\$ 4,461	\$ 4,577	\$ 4,696	\$ 4,818	\$ 4,943	\$ 5,071
Total Site Costs (1)	\$ 18,777	\$ 142,705	\$ 19,766	\$ 20,280	\$ 20,807	\$ 21,348

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Slick Rock, CO, Disposal/Processing Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 28,300	\$ 29,036	\$ 29,791	\$ 40,952	\$ 32,640	\$ 33,489
Annual Inspection	\$ 7,269	\$ 7,458	\$ 7,652	\$ 7,851	\$ 8,055	\$ 8,264
Annual Maintenance	\$ 13,575	\$ 13,928	\$ 14,290	\$ 14,662	\$ 15,043	\$ 15,434
Annual Investigations & Sampling/Monitoring Collection	\$ 27,975	\$ 28,703	\$ 29,449	\$ 30,215	\$ 31,000	\$ 31,806
Total Site Costs (1)	\$ 77,120	\$ 79,125	\$ 81,182	\$ 93,680	\$ 86,738	\$ 88,994

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Split Rock, WY, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ 29,267	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Site Management	\$ -	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ 11,347	\$ 11,642	\$ 11,945	\$ 12,255	\$ 12,574
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ 18,480	\$ 18,961	\$ 19,454	\$ 19,960	\$ 20,478
Total Site Costs (1)	\$ 29,267	\$ 35,625	\$ 36,551	\$ 37,502	\$ 38,477	\$ 39,477

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management
LM-20 Office of Site Operations

Site: Spook, WY, Disposal Site

Regulatory Type: UMTRCA Title I

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 5,651	\$ 5,798	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ 7,749	\$ 7,950	\$ 8,157	\$ 8,369	\$ 8,587	\$ 8,810
Annual Maintenance	\$ 1,390	\$ 1,426	\$ 1,463	\$ 1,501	\$ 1,540	\$ 1,580
Non-annual Maintenance	\$ -	\$ -	\$ -	\$ 8,635	\$ -	\$ -
Total Site Costs (1)	\$ 14,790	\$ 15,174	\$ 15,569	\$ 24,609	\$ 16,389	\$ 16,815

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Tuba City, AZ, Disposal Site

Regulatory Type: UMTRCA Title I

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Annual Site Management	\$ 280,178	\$ 1,009,669	\$ 113,829	\$ 116,789	\$ 119,825	\$ 122,941
Annual Inspection	\$ 11,459	\$ 11,757	\$ 12,063	\$ 12,377	\$ 12,698	\$ 13,029
Annual Maintenance	\$ 299,473	\$ 307,259	\$ 315,248	\$ 323,444	\$ 331,854	\$ 340,482
Annual Investigations & Sampling/Monitoring Collection	\$ 3,002,621	\$ 264,780	\$ 271,664	\$ 278,728	\$ 285,975	\$ 517,088
Groundwater Containment, Collection or Control	\$ 2,245,369	\$ 1,704,558	\$ 1,748,877	\$ 1,794,348	\$ 2,488,153	\$ 1,888,867
Total Site Costs (1)	\$ 5,839,099	\$ 3,298,024	\$ 2,461,681	\$ 2,525,685	\$ 3,238,505	\$ 2,882,406

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Uravan, CO, Disposal Site

Regulatory Type: UMTRCA Title II

Category 2 - Requires routine inspection and maintenance and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Site Transition	\$ 57,102	\$ 30,028	\$ -	\$ -	\$ -	\$ -
Annual Site Management	\$ -	\$ -	\$ 5,949	\$ 6,103	\$ 6,262	\$ 6,425
Annual Inspection	\$ -	\$ -	\$ 9,295	\$ 9,537	\$ 9,785	\$ 10,039
Annual Investigations & Sampling/Monitoring Collection	\$ -	\$ -	\$ 16,509	\$ 16,938	\$ 17,379	\$ 17,831
Total Site Costs (1)	\$ 57,102	\$ 30,028	\$ 31,753	\$ 32,578	\$ 33,425	\$ 34,295

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.

Office of Legacy Management

LM-20 Office of Site Operations

Site: Weldon Spring, MO, Site

Regulatory Type: CERCLA/RCRA

Category 3 - Requires Operation and Maintenance of remedial actions systems, routine inspection and maintenance, and records-related activities.

LTS&M Costs	2007	2008	2009	2010	2011	2012
Project Management	\$ 515,561	\$ 504,921	\$ 518,049	\$ 531,519	\$ 545,338	\$ 559,517
Groundwater Containment, Collection or Control. Also Includes annual site maintenance, inspections, and monitoring.	\$ 973,319	\$ 953,233	\$ 978,017	\$ 1,003,446	\$ 1,178,750	\$ 848,833
Total Site Costs (1)	\$ 1,488,880	\$ 1,458,155	\$ 1,496,067	\$ 1,534,964	\$ 1,724,089	\$ 1,408,350

Notes:

(1) Cost estimates include direct and indirect costs, contingency, and escalation.